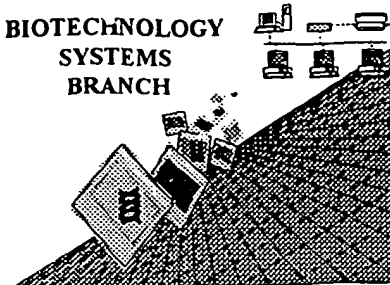


Huynh.

## RAW SEQUENCE LISTING ERROR REPORT

BIOTECHNOLOGY  
SYSTEMS  
BRANCH



PH#8

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/403,882

Source: 1644

Date Processed by STIC: 3/6/2001

RECEIVED

MAR 13 2001

TECH CENTER 1600/2900

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY/

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: [patin21help@uspto.gov](mailto:patin21help@uspto.gov) or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: [patin3help@uspto.gov](mailto:patin3help@uspto.gov) or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:

### Checker Version 3.0

The Checker Version 3.0 application is a state-of-the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 - 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO). Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

Checker Version 3.0 can be down loaded from the USPTO website at the following address:

<http://www.uspto.gov/web/offices/pac/checker>

1644

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/403,882

DATE: 03/06/2001  
TIME: 12:39:49

Input Set : A:\ES.txt  
Output Set: N:\CRF3\03062001\I403882.raw

Does Not Comply  
Corrected Diskette Needed

P.2

3 <110> APPLICANT: University of California, San Francisco  
4 Farinas, Javier  
6 <120> TITLE OF INVENTION: Methods and Reagents for Targeting Organic Compounds To Selected Cellular

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7 Locations  
9 <130> FILE REFERENCE: UCSF1100-3  
11 <140> CURRENT APPLICATION NUMBER: 09/403,882  
12 <141> CURRENT FILING DATE: 2000-03-20  
14 <150> PRIOR APPLICATION NUMBER: 60/081,340  
15 <151> PRIOR FILING DATE: 1998-04-09  
17 <150> PRIOR APPLICATION NUMBER: 60/081,118  
18 <151> PRIOR FILING DATE: 1998-04-08  
20 <160> NUMBER OF SEQ ID NOS: 9  
22 <170> SOFTWARE: PatentIn version 3.0  
24 <210> SEQ ID NO: 1  
25 <211> LENGTH: 951  
26 <212> TYPE: DNA  
27 <213> ORGANISM: artificial  
29 <220> FEATURE:  
30 <223> OTHER INFORMATION: single chain antibody  
32 <220> FEATURE:  
33 <221> NAME/KEY: CDS  
34 <222> LOCATION: (1)..(951)  
36 <400> SEQUENCE: 1  
37 atg gcc gag gtc aag ctg cag gag tca ggg gga ggc tta gtg cag cct 48  
38 Met Ala Glu Val Lys Leu Gln Glu Ser Gly Gly Gly Leu Val Gln Pro  
39 1 5 10 15  
41 gga ggg tcc cgg aaa ctc tcc tgt gca gcc tct gga ttc act ttc agt 96  
42 Gly Gly Ser Arg Lys Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser  
43 20 25 30  
45 agc ttt gga atg cac tgg gtt cgt cag gct cca gag aag ggg ctg gag 144  
46 Ser Phe Gly Met His Trp Val Arg Gln Ala Pro Glu Lys Gly Leu Glu  
47 35 40 45  
49 tgg gtc gca tat att agt agt ggc agt agt acc atc tac tat gca gac 192  
50 Trp Val Ala Tyr Ile Ser Ser Gly Ser Ser Thr Ile Tyr Tyr Ala Asp  
51 50 55 60  
53 aca gtg aag gga cga ttc acc atc tcc aga gac aat ccc aag aac acc 240  
54 Thr Val Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Pro Lys Asn Thr  
55 65 70 75 80  
57 ctg ttc ctg caa atg acc agt cta agg tct gag gac acg gtc atg tat 288  
58 Leu Phe Leu Gln Met Thr Ser Leu Arg Ser Glu Asp Thr Val Met Tyr  
59 85 90 95  
61 tac tgt gca aga gat tac ggg gct tat tgg ggc caa ggg acc acg gtc 336  
62 Tyr Cys Ala Arg Asp Tyr Gly Ala Tyr Trp Gly Gln Gly Thr Thr Val  
63 100 105 110  
65 acc gtc tcc tca ggt gga ggc ggc tca ggc gga ggt ggc tct ggc ggt 384  
66 Thr Val Ser Ser Gly Gly Gly Gly Ser Gly Gly Gly Ser Gly Gly  
67 115 120 125

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/403,882

DATE: 03/06/2001

TIME: 12:39:49

Input Set : A:\ES.txt

Output Set: N:\CRF3\03062001\I403882.raw

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69 ggc gga tgc gac att gag ctc acc cag tct cca gca atc atg tct gca      432
70 Gly Gly Ser Asp Ile Glu Leu Thr Gln Ser Pro Ala Ile Met Ser Ala
71      130      135      140
73 tct cca ggg gag agg gtc acc atg acc tgc agt gcc agt tca agt gta      480
74 Ser Pro Gly Glu Arg Val Thr Met Thr Cys Ser Ala Ser Ser Ser Val
75 145      150      155      160
77 agg tac atg aac tgg ttc caa cag aag tca ggc acc tcc ccc aaa aga      528
78 Arg Tyr Met Asn Trp Phe Gln Gln Lys Ser Gly Thr Ser Pro Lys Arg
79      165      170      175
81 tgg att tat gac aca tcc aaa ctg tct tct gga gtc cct gct cgc ttc      576
82 Trp Ile Tyr Asp Thr Ser Lys Leu Ser Ser Gly Val Pro Ala Arg Phe
83      180      185      190
85 agt ggc agt ggg tct ggg acc tct tac tct ctc aca atc agc agc atg      624
86 Ser Gly Ser Gly Ser Gly Thr Ser Tyr Ser Leu Thr Ile Ser Ser Met
87      195      200      205
89 gag gct gaa gat gct gcc act tac tac tgc cag cag tgg agt agt aac      672
90 Glu Ala Glu Asp Ala Ala Thr Tyr Tyr Cys Gln Gln Trp Ser Ser Asn
91      210      215      220
93 cca ctc acg ttc ggt gct ggg acc aag ctg gag ctg aaa cgg gcg gcc      720
94 Pro Leu Thr Phe Gly Ala Gly Thr Lys Leu Glu Leu Lys Arg Ala Ala
95 225      230      235      240
97 gca gaa caa aaa ctc atc tca gaa gag gat ctg aat ggg gcc gtc gac      768
98 Ala Glu Gln Lys Leu Ile Ser Glu Glu Asp Leu Asn Gly Ala Val Asp
99      245      250      255
101 gaa caa aaa ctc atc tca gaa gag gat ctg aat gct gtg ggc cag gac      816
102 Glu Gln Lys Leu Ile Ser Glu Glu Asp Leu Asn Ala Val Gly Gln Asp
103      260      265      270
105 acg cag gag gtc atc gtg gtg cca cac tcc ttg ccc ttt aag gtg gtg      864
106 Thr Gln Glu Val Ile Val Val Pro His Ser Leu Pro Phe Lys Val Val
107      275      280      285
109 gtg atc tca gcc atc ctg gcc ctg gtg gtg ctc acc atc atc tcc ctt      912
110 Val Ile Ser Ala Ile Leu Ala Leu Val Val Leu Thr Ile Ile Ser Leu
111      290      295      300
113 atc atc ctc atc atg ctt tgg cag aag aag cca cgt tag      951
114 Ile Ile Leu Ile Met Leu Trp Gln Lys Lys Pro Arg
115 305      310      315
118 <210> SEQ ID NO: 2
119 <211> LENGTH: 316
120 <212> TYPE: PRT
121 <213> ORGANISM: artificial see item 12 on EMBL summary sheet
123 <400> SEQUENCE: 2
125 Met Ala Glu Val Lys Leu Gln Glu Ser Gly Gly Gly Leu Val Gln Pro
126 1      5      10      15
129 Gly Gly Ser Arg Lys Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser
130      20      25      30
133 Ser Phe Gly Met His Trp Val Arg Gln Ala Pro Glu Lys Gly Leu Glu
134      35      40      45
137 Trp Val Ala Tyr Ile Ser Ser Gly Ser Ser Thr Ile Tyr Tyr Ala Asp
138      50      55      60

```

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/403,882

DATE: 03/06/2001

TIME: 12:39:49

Input Set : A:\ES.txt

Output Set: N:\CRF3\03062001\I403882.raw

```

141 Thr Val Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Pro Lys Asn Thr
142 65 70 75 80
145 Leu Phe Leu Gln Met Thr Ser Leu Arg Ser Glu Asp Thr Val Met Tyr
146 85 90 95
149 Tyr Cys Ala Arg Asp Tyr Gly Ala Tyr Trp Gly Gln Gly Thr Thr Val
150 100 105 110
153 Thr Val Ser Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly
154 115 120 125
157 Gly Gly Ser Asp Ile Glu Leu Thr Gln Ser Pro Ala Ile Met Ser Ala
158 130 135 140
161 Ser Pro Gly Glu Arg Val Thr Met Thr Cys Ser Ala Ser Ser Ser Val
162 145 150 155 160
165 Arg Tyr Met Asn Trp Phe Gln Gln Lys Ser Gly Thr Ser Pro Lys Arg
166 165 170 175
169 Trp Ile Tyr Asp Thr Ser Lys Leu Ser Ser Gly Val Pro Ala Arg Phe
170 180 185 190
173 Ser Gly Ser Gly Ser Gly Thr Ser Tyr Ser Leu Thr Ile Ser Ser Met
174 195 200 205
177 Glu Ala Glu Asp Ala Ala Thr Tyr Tyr Cys Gln Gln Trp Ser Ser Asn
178 210 215 220
181 Pro Leu Thr Phe Gly Ala Gly Thr Lys Leu Glu Leu Lys Arg Ala Ala
182 225 230 235 240
185 Ala Glu Gln Lys Leu Ile Ser Glu Glu Asp Leu Asn Gly Ala Val Asp
186 245 250 255
189 Glu Gln Lys Leu Ile Ser Glu Glu Asp Leu Asn Ala Val Gly Gln Asp
190 260 265 270
193 Thr Gln Glu Val Ile Val Val Pro His Ser Leu Pro Phe Lys Val Val
194 275 280 285
197 Val Ile Ser Ala Ile Leu Ala Leu Val Val Leu Thr Ile Ile Ser Leu
198 290 295 300
201 Ile Ile Leu Ile Met Leu Trp Gln Lys Lys Pro Arg
202 305 310 315

```

205 &lt;210&gt; SEQ ID NO: 3

206 &lt;211&gt; LENGTH: 32

207 &lt;212&gt; TYPE: DNA

208 &lt;213&gt; ORGANISM: artificial

210 &lt;220&gt; FEATURE:

211 &lt;223&gt; OTHER INFORMATION: antisense primer containing Xba I site

213 &lt;400&gt; SEQUENCE: 3

214 gctctagact ggcccacagc attcagatcc tc

32

217 &lt;210&gt; SEQ ID NO: 4

218 &lt;211&gt; LENGTH: 28

219 &lt;212&gt; TYPE: DNA

220 &lt;213&gt; ORGANISM: artificial

222 &lt;220&gt; FEATURE:

223 &lt;223&gt; OTHER INFORMATION: sense primer containing EcoRI

225 &lt;400&gt; SEQUENCE: 4

226 ggaattcgcc gaggtcaagc tgcaggag

28

229 &lt;210&gt; SEQ ID NO: 5



RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/403,882

DATE: 03/06/2001  
TIME: 12:39:49

Input Set : A:\ES.txt  
Output Set: N:\CRF3\03062001\I403882.raw

301 1

5

VERIFICATION SUMMARY  
PATENT APPLICATION: US/09/403,882

DATE: 03/06/2001  
TIME: 12:39:50

Input Set : A:\ES.txt  
Output Set: N:\CRF3\03062001\I403882.raw

L:287 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8